



WILLIAM T FUJIOKA  
Chief Executive Officer

County of Los Angeles  
**CHIEF EXECUTIVE OFFICE**

Kenneth Hahn Hall of Administration  
500 West Temple Street, Room 713, Los Angeles, California 90012  
(213) 974-1101  
<http://ceo.lacounty.gov>

*"To Enrich Lives Through Effective And Caring Service"*

Board of Supervisors  
GLORIA MOLINA  
First District

MARK RIDLEY-THOMAS  
Second District

ZEV YAROSLAVSKY  
Third District

DON KNABE  
Fourth District

MICHAEL D. ANTONOVICH  
Fifth District

May 21, 2013

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012

Dear Supervisors:

**ADOPTED**

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

44 May 21, 2013

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

**DEPARTMENT OF PUBLIC WORKS:  
ESTABLISH VARIOUS ONLINE REALTIME CENTRALIZED  
HEALTH INFORMATION DATABASE  
IMPLEMENTATION OF CAPITAL PROJECTS  
APPROVE APPROPRIATION ADJUSTMENT  
AUTHORIZE EXECUTION OF VARIOUS AGREEMENTS  
CAPITAL PROJECT NOS. 89046, 89047, 89048, 89049,  
89050, 89051, AND 89052  
(ALL DISTRICTS)  
(3 VOTES)**

**SUBJECT**

The recommended actions will establish various capital projects to complete the necessary infrastructure to support the Department of Health Services' Online Realtime Centralized Health Information Database system (formerly referred to as the Electronic Health Records Information System) to be implemented at the Harbor-UCLA Medical Center and the MetroCare Network-Coastal Comprehensive Health Centers/Health Centers, Martin Luther King, Jr. Multi-Service Ambulatory Care Center and the MetroCare Network-Southwest Comprehensive Health Centers/Health Centers, LAC+USC Medical Center and the LAC+USC HealthCare Network Comprehensive Health Centers/Health Centers, Rancho Los Amigos National Rehabilitation Center, Olive View-UCLA Medical Center and the ValleyCare Network-San Fernando Valley Comprehensive Health Centers/Health Centers, High Desert Multi-Service Ambulatory Care Center and the ValleyCare Network-Antelope Valley Health Centers, and Health Services Administration Building; approve an appropriation adjustment; and authorize execution of various architectural/engineering agreements for the projects.

**IT IS RECOMMENDED THAT THE BOARD:**

1. Establish the following seven capital projects to construct infrastructure necessary to support the Online Realtime Centralized Health Information Database system:

- a. Harbor-UCLA Medical Center and the MetroCare Network-Coastal Comprehensive Health Centers/Health Centers, Capital Project No. 89046;
- b. Martin Luther King, Jr. Multi-Service Ambulatory Care Center and the MetroCare Network-Southwest Comprehensive Health Centers/Health Centers, Capital Project No. 89047;
- c. LAC+USC Medical Center and the LAC+USC HealthCare Network Comprehensive Health Centers/Health Centers, Capital Project No. 89048;
- d. Rancho Los Amigos National Rehabilitation Center, Capital Project No. 89049;
- e. Olive View-UCLA Medical Center and the ValleyCare Network-San Fernando Valley Comprehensive Health Centers/Health Centers, Capital Project No. 89050;
- f. High Desert Multi-Service Ambulatory Care Center and the ValleyCare Network-Antelope Valley Health Centers, Capital Project No. 89051; and
- g. Health Services Administration Building, Capital Project No. 89052.

2. Approve an Appropriation Adjustment to transfer \$6,930,000 from the Electronic Health Records Information System Fund to fund the agreements for the design and construction administration for the Online Realtime Centralized Health Information Database system at the various Department of Health Services' facilities.

3. Authorize the Director of Public Works, or her designee, after compliance with applicable laws governing contract solicitation and award, to award and execute up to seven agreements for the design and construction administration in the following amounts:

- a. Harbor-UCLA Medical Center and the MetroCare Network-Coastal Comprehensive Health Centers/Health Centers for a \$1,700,000 not-to-exceed amount;
- b. Martin Luther King, Jr. Multi-Service Ambulatory Care Center and the MetroCare Network-Southwest Comprehensive Health Centers/Health Centers for a \$800,000 not-to-exceed amount;
- c. LAC+USC Medical Center and the LAC+USC HealthCare Network Comprehensive Health Centers/Health Centers for a \$1,300,000 not-to-exceed amount;
- d. Rancho Los Amigos National Rehabilitation Center for a \$1,100,000 not-to-exceed amount;
- e. Olive View-UCLA Medical Center and the ValleyCare Network-San Fernando Valley Comprehensive Health Centers/Health Centers for a \$1,870,000 not-to-exceed amount;
- f. High Desert Multi-Service Ambulatory Care Center and the ValleyCare Network-Antelope Valley Health Centers for a \$100,000 not-to-exceed amount; and
- g. Health Services Administration Building for a \$60,000 not-to-exceed amount.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

Approval of the recommended actions will allow the County to proceed with implementation of the infrastructure necessary to implement the Online Realtime Centralized Health Information Database (ORCHID) system and allow the Department of Public Works (Public Works) to initiate an accelerated design process in coordination with the Chief Executive Office (CEO) and Department of Health Services (Health Services).

### **BACKGROUND**

On November 27, 2012, the Board authorized the Director of Health Services to execute an agreement with Cerner Corporation to provide an Electronic Health Records (EHR) Information

System that would provide on-line clinical documentation; electronic order entry; medical coding for documentation; decision support for documentation and computerized physician electronic order entry; integration of ancillary systems, such as pharmacy, laboratory, and radiology; and management of the admission, discharge, and transfer cycles, including patient scheduling, registration, and a master patient indexing system. On January 22, 2013, the Board approved an appropriation adjustment, use of commercial paper, and adoption of a reimbursement resolution for the EHR information system.

In order to determine the necessary infrastructure scope of work to support the installation of the ORCHID system, the CEO and Health Services directed Public Works to begin site assessments of the various facilities. The assessments included evaluation of the existing electrical and mechanical infrastructure systems and associated architectural elements in existing data rooms/closets and data centers in approximately 150 buildings at 32 sites. The assessments have been grouped into seven areas (Attachment A). Public Works and Health Services were required to evaluate whether there are adequate electrical power, uninterrupted power supply, and cooling systems in the existing data rooms to support the ORCHID system. Additionally, the facilities were assessed to determine if they have appropriate data and power outlets at workstations, patient beds, and exam/procedure rooms. Upon completion of assessments of the various sites, Public Works and Health Services will finalize the infrastructure requirements to implement the ORCHID capital projects and develop schedules, and budgets for the work. This effort is expected to be completed by the end of May 2013.

We will report back to the Board in June 2013 with recommendations, including schedules and funding recommendations for each of the seven capital projects.

#### Architectural/Engineering Agreements

Public Works has issued a Request for Proposals (RFP) to solicit qualified architectural/ engineering firms to provide design and construction administration services for the seven projects. Due to the urgency of the projects, Public Works is using an expedited selection process and is issuing an electronic RFP to the design community. The RFP describes the scope of work related to each of the various projects, requires the design professionals to provide experience that will demonstrate their capability, and solicit the firm's willingness to provide these types of services with an accelerated schedule. An evaluation committee consisting of members from Public Works, Health Services, and CEO will review and score the proposals to shortlist proposers for interviews. Upon completion of scoring and shortlisting, the evaluation committee will conduct interviews with shortlisted proposers to select firms for the projects. Up to seven firms will be awarded separate contracts for the design work associated with the prospective cluster.

We recommend that the Board authorize the Director of Public Works, or her designee, to award and execute up to seven separate architectural/engineering agreements required for the design of the seven capital projects as follows: Harbor-UCLA Medical Center and the MetroCare Network-Coastal Comprehensive Health Centers/Health Centers(CHC/HCs) for a \$1,700,000 not-to-exceed amount, Martin Luther King, Jr. Multi-Service Ambulatory Care Center and the MetroCare Network-Southwest CHC/HCs for a \$800,000 not-to-exceed amount, LAC+USC Medical Center and the LAC+USC HealthCare Network CHC/HCs for a \$1,300,000 not-to-exceed amount, Rancho Los Amigos National Rehabilitation Center for a \$1,100,000 not-to-exceed amount, Olive View-UCLA Medical Center and the ValleyCare Network-San Fernando Valley CHC/HCs for a \$1,870,000 not-to-exceed amount, High Desert Multi-Service Ambulatory Care Center and the ValleyCare Network-Antelope Valley HCs for a \$100,000 not-to-exceed amount, and Health Services Administration Building for a \$60,000 not-to-exceed amount. The selection of the architectural/engineering firms and cost negotiations are not finalized, if the final value of any individual agreement exceed the maximum

amount authorized, we will return to the Board for approval of that agreement.

#### Green Building/Sustainable Design Program

Implementation of the ORCHID system is exempt from the Energy Policy because it is limited to modifications of the infrastructure within existing buildings. The design will seek to optimize efficient use of electrical energy whenever possible. The ORCHID system will also result in eliminating use of paper medical records, and the transportation of paper medical records within each facility.

#### **Implementation of Strategic Plan Goals**

The Countywide Strategic Plan directs the provision of Operational Effectiveness (Goal 1) and Integrated Services Delivery (Goal 3) by investing in public health infrastructure to enhance the safety of patients and staff, and improving patient care with improved infrastructure. Completion of these projects will provide much needed improvements and permit the enterprise-wide sharing of best practices, as well as enhance efficiency and effectiveness when implementing work flows, new rules, protocols, and guidelines from both clinical and information technology perspectives.

#### **FISCAL IMPACT/FINANCING**

Approval of the recommended actions will enable Public Works to enter into architectural/engineering agreements for the design and construction administration of the various infrastructure upgrade projects that are needed to support the ORCHID system across the seven identified areas, with a combined total of a \$6,930,000 not-to-exceed amount. Sufficient funds for the current design and construction administration agreements were included in the \$359.0 million budget for the ORCHID system approved by the Board on January 22, 2013. The site assessments have been funded by Health Services' operating budget.

Approval of the appropriation adjustment (Attachment B) will transfer the \$6,930,000 needed to fund the agreements from the EHR Information System Fund budget to the seven capital projects established to complete the infrastructure upgrades for the ORCHID system.

We will return to the Board to seek total project budget approval for each of the seven capital projects in June 2013, prior to start of any construction work.

The recommended actions will have no direct impact to the County's General Fund. Sufficient funds to fund these design and construction administration agreements are available through the issuance of commercial paper approved by the Board on January 22, 2013.

#### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

The proposed architectural/engineering agreements will be in the form previously reviewed and approved as to form by County Counsel. The proposed architectural/engineering agreements will be solicited on an open competitive basis and in accordance with applicable Federal, State, and County requirements. The consultants will be selected upon final analysis and consideration without regard to race, creed, gender, or color.

The proposed architectural/engineering agreements will contain terms and conditions supporting the Board's ordinances, policies, and programs, including, but are not limited to: County's Greater Avenues for Independence (GAIN) and General Relief Opportunities for Work (GROW) Programs, Board Policy No. 5.050; Contract Language to Assist in Placement of Displaced County Workers,

Board Policy No. 5.110; Reporting of Improper Solicitations, Board Policy No. 5.060; Notice to Contract Employees of Newborn Abandonment Law (Safely Surrendered Baby Law), Board Policy No. 5.135; Contractor Employees Jury Service Program, Los Angeles County Code, Chapter 2.203; Notice to Employees Regarding the Federal Earned Income Credit (Federal Income Tax Law, Internal Revenue Service Notice 1015); Contractor Responsibility and Debarment, Los Angeles County Code, Chapter 2.202; and the Los Angeles County's Child Support Compliance Program, Los Angeles County Code, Chapter 2.200; and the standard Board-directed clauses that provide for contract termination or renegotiation.

### **ENVIRONMENTAL DOCUMENTATION**

We will return to the Board in June 2013 to recommend environmental findings for each of these projects after site assessments are completed and the scope of construction has been clearly defined.

### **CONTRACTING PROCESS**

Public Works, working with CEO, will solicit, select, negotiate, and execute the architectural/engineering services agreements on an open-competitive basis, and using a qualifications-based selection process, in accordance with applicable Federal, State, and County requirements as described above.

Public Works is using Board-approved as-needed consultants to complete these site assessments. Public Works also intends to use Board-approved Job Order Contractors to construct the various projects.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

The recommended actions will have minimal impacts to current services at the identified facilities. However, during the construction phase, the infrastructure upgrade work may impact operations at the identified facilities. Public Works will work with Health Services to minimize construct impacts and disruptions at the facilities.

### **CONCLUSION**

Please return one adopted copy of this Board letter to the Chief Executive Office, Facilities and Asset Management Division; the Department of Health Services, Capital Projects Division; and the Department of Public Works, Project Management Division I.

The Honorable Board of Supervisors

5/21/2013

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Respectfully submitted,

A handwritten signature in black ink, appearing to read 'W. T. Fujioka', with a long horizontal line extending to the right.

WILLIAM T FUJIOKA

Chief Executive Officer

WTF:RLR:DJT

SW:CV:zu

Enclosures

c: Executive Office, Board of Supervisors  
County Counsel  
Health Services  
Public Works

May 21, 2013

**ATTACHMENT A**

**DEPARTMENT OF PUBLIC WORKS:  
ESTABLISH VARIOUS ONLINE REALTIME CENTRALIZED  
HEALTH INFORMATION DATABASE  
IMPLEMENTATION OF CAPITAL PROJECTS;  
APPROVE APPROPRIATION ADJUSTMENT; AND  
AUTHORIZE EXECUTION OF VARIOUS AGREEMENTS  
CAPITAL PROJECT NOS. 89046, 89047, 89048, 89049,  
89050, 89051, AND 89052**

**I. ONLINE REALTIME CENTRALIZED HEALTH INFORMATION DATABASE  
CAPITAL PROJECTS SUMMARY**

CAPITAL PROJECT NAME	CAPITAL PROJECT NO.	FACILITY	ADDRESS
H-UCLA Medical Center and the MetroCare Network-Coastal CHC/HCs	89046	H-UCLA Medical Center Long Beach CHC Bellflower HC Wilmington HC Lomita Family Medicine Clinic Gardena School-Based Clinic (SBC)	1000 W. Carson, Torrance 1333 Chestnut Ave., Long Beach 10005 E. Flower St., Bellflower 1325 Broad Ave., Wilmington 1403 Lomita Bl., Harbor City 1301 W. 182 St., Gardena
MLK MACC and the MetroCare Network-Southwest CHC/HCs	89047	MLK MACC Hubert H. Humphrey CHC Dollarhide HC	12021 Wilmington, Willowbrook 5850 S. Main St., Los Angeles 1108 N. Orleander, Compton
LAC+USC Medical Center and the LAC+USC HealthCare Network CHC/HCs	89048	LAC+USC Medical Center Probation Department's Eastlake Juvenile Probation Department's McClaren Hall Clinic El Monte CHC Edward Roybal CHC H. Claude Hudson CHC La Puente HC Hawkins Inpatient Psych – MLK	2051 Marengo St., Los Angeles 1605 Eastlake, Los Angeles  4024 Durfee, El Monte  10953 Ramona Bl., El Monte 245 S. Fetterly Ave., Los Angeles 2829 S. Grand Ave., Los Angeles 15930 Central Ave., La Puente 12021 S. Wilmington, Willowbrook
RLA National Rehabilitation Center	89049	Rancho Los Amigos National Rehabilitation Center (RLA)	7601 E. Imperial Highway, Downey
OV-UCLA Medical Center and the ValleyCare Network-San Fernando Valley CHC/HCs	89050	Olive View-UCLA Medical Center Mid-Valley CHC Glendale HC San Fernando HC Vaughn SBC	14445 Olive View Drive, Sylmar 7515 Van Nuys Bl., Van Nuys 501 N. Glendale Ave., Glendale 1212 Pico St., San Fernando 13330 Vaughn St., Pacoima
HD MACC and the ValleyCare Network-Antelope Valley HCs	89051	High Desert MACC Littlerock HC Lake Los Angeles HC South Antelope Valley HC Antelope Valley HC Acton Antelope Valley Rehab.	335 E. Avenue I, Lancaster 8201 Pearblossom Hwy., Littlerock 16921 E. Avenue O, Lake LA 38350 40 <sup>th</sup> St., E. Palmdale 335-B E. Avenue K-6, Lancaster 30500 Arrastre, Canyon Rd., Acton
Health Services Administration Building	89052	Health Services Administration	313 Figueroa St., Los Angeles

COUNTY OF LOS ANGELES

REQUEST FOR APPROPRIATION ADJUSTMENT

DEPARTMENT OF CHIEF EXECUTIVE OFFICE

DEPT'S. NO. 060

May 7, 2013

AUDITOR-CONTROLLER:

THE FOLLOWING APPROPRIATION ADJUSTMENT IS DEEMED NECESSARY BY THIS DEPARTMENT. PLEASE CONFIRM THE ACCOUNTING ENTRIES AND AVAILABLE BALANCES AND FORWARD TO THE CHIEF EXECUTIVE OFFICER FOR HIS RECOMMENDATION OR ACTION.

ADJUSTMENT REQUESTED AND REASONS THEREFOR

FY 2012-13

3 - VOTES

SOURCES

USES

SEE ATTACHED

SEE ATTACHED

SOURCES TOTAL: \$ 13,860,000

USES TOTAL: \$ 13,860,000

JUSTIFICATION

Reflects transfer of \$6,930,000 from the services and supplies of Electronic Health Records Information System Fund to fund the architectural/engineering services agreements for the design and construction administration for the Health Services' ORCHID system implementation capital projects at various Health Services' facilities.

ADOPTED BOARD OF SUPERVISORS

AUTHORIZED SIGNATURE SABRA WHITE, MANAGER

BOARD OF SUPERVISOR'S APPROVAL (AS REQUESTED/REVISED)

44

MAY 21 2013

SACHI A. HAMAI EXECUTIVE OFFICER

REFERRED TO THE CHIEF EXECUTIVE OFFICER FOR --

ACTION

RECOMMENDATION

APPROVED AS REQUESTED

APPROVED AS REVISED

AUDITOR-CONTROLLER

BY Sachi A. Hamai

CHIEF EXECUTIVE OFFICER

BY Sabra White

B.A. NO. 216

May 8 2013

May 8 2013

ATTACHMENT B

DEPARTMENT OF PUBLIC WORKS:  
ESTABLISH VARIOUS ONLINE REALTIME CENTRALIZED  
HEALTH INFORMATION DATABASE  
IMPLEMENTATION OF CAPITAL PROJECTS;  
APPROVE APPROPRIATION ADJUSTMENT; AND  
AUTHORIZE EXECUTION OF VARIOUS AGREEMENTS  
CAPITAL PROJECT NOS. 89046, 89047, 89048, 89049,  
89050, 89051, AND 89052

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

APPROPRIATE ADJUSTMENT

SOURCES

USES

Electronic Health Record Information System Fund J16-HE-2000-50106 Services and Supplies DECREASE APPROPRIATION	\$6,930,000	Electronic Health Record Information System Fund J16-HE-96-9876-50106 Commercial Paper Proceeds DECREASE REVENUE	\$6,930,000
Electronic Health Record Information System Fund H-UCLA Medical Center and the MetroCare Network-Coastal CHC/HCs J16-CP-94-9276-65064-89046 Rev: Commercial Paper Proceeds/ CP INCREASE REVENUE	\$1,700,000	Electronic Health Record Information System Fund H-UCLA Medical Center and the MetroCare Network-Coastal CHC/HCs J16-CP-6014-65064-89046 Capital Assets-Building and Improvements INCREASE APPROPRIATION	\$1,700,000
Electronic Health Record Information System Fund MLK MACC and the MetroCare Network-Southwest CHC/HCs J16-CP-94-9276-65064-89047 Rev: Commercial Paper Proceeds/ CP INCREASE REVENUE	\$800,000	Electronic Health Record Information System Fund MLK MACC and the MetroCare Network-Southwest CHC/HCs J16-CP-6014-65064-89047 Capital Assets-Building and Improvements INCREASE APPROPRIATION	\$800,000
Electronic Health Record Information System Fund LAC+USC Medical Center and the LAC+USC HealthCare Network CHC/HCs J16-CP-94-9276-65064-89048 Rev: Commercial Paper Proceeds/ CP INCREASE REVENUE	\$1,300,000	Electronic Health Record Information System Fund LAC+USC Medical Center and the LAC+USC HealthCare Network CHC/HCs J16-CP-6014-65064-89048 Capital Assets-Building and Improvements INCREASE APPROPRIATION	\$1,300,000

BA# 216 Karen Shikane May 8, 2013

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

**SOURCES (CONT.)**

**USES (CONT.)**

Electronic Health Record Information System Fund RLA National Rehabilitation Center J16-CP-94-9276-65064-89049 Rev: Commercial Paper Proceeds/ CP INCREASE REVENUE	\$1,100,000	Electronic Health Record Information System Fund RLA National Rehabilitation Center J16-CP-6014-65064-89049 Capital Assets-Building and Improvements INCREASE APPROPRIATION	\$1,100,000
Electronic Health Record Information System Fund OV-UCLA Medical Center and the ValleyCare Network-San Fernando Valley CHC/HCs J16-CP-94-9276-65064-89050 Rev: Commercial Paper Proceeds/ CP INCREASE REVENUE	\$1,870,000	Electronic Health Record Information System Fund OV-UCLA Medical Center and the ValleyCare Network-San Fernando Valley CHC/HCs J16-CP-6014-65064-89050 Capital Assets-Building and Improvements INCREASE APPROPRIATION	\$1,870,000
Electronic Health Record Information System Fund HD MACC and the ValleyCare Network-Antelope Valley HCs J16-CP-94-9276-65064-89051 Rev: Commercial Paper Proceeds/ CP INCREASE REVENUE	\$ 100,000	Electronic Health Record Information System Fund HD MACC and the ValleyCare Network-Antelope Valley HCs J16-CP-6014-65064-89051 Capital Assets-Building and Improvements INCREASE APPROPRIATION	\$ 100,000
Electronic Health Record Information System Fund Health Services Administration Building J16-CP-94-9276-65064-89052 Rev: Commercial Paper Proceeds/ CP INCREASE REVENUE	\$ 60,000	Electronic Health Record Information System Fund Health Services Administration Building J16-CP-6014-65064-89052 Capital Assets-Building and Improvements INCREASE APPROPRIATION	\$ 60,000
<b>TOTAL</b>	<u><u>\$13,860,000</u></u>	<b>TOTAL</b>	<u><u>\$13,860,000</u></u>

Justification

Reflects transfer of \$6,930,000 from the services and supplies of Electronic Health Records Information System Fund to fund the architectural/engineering services agreements for the design and construction administration for the Health Services' ORCHID system implementation capital projects at various Health Services' facilities.

*BA# 216 Karen Shikuma May 2, 2013*